interlogix
A UTC Fire & Security Company

TruVision Outdoor IP Cameras Quick Start Guide

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Introduction

This pocket guide provides basic information on installing the TruVision Outdoor IP dome and bullet cameras.

For detailed information on installing and using the cameras, please refer to the user manual.

Camera models:

- TVC-N225E-2M-N(-P) (IP bullet camera)
- TVC-M1245E-2M-N(-P) (1.3MPX WDR bullet camera)
- TVD-N225E-2M-N(-P) (IP dome camera)
- TVD-M1245E-2M-N(-P) (1.3MPX WDR dome camera)

Package contents

The camera is shipped with the following items:

- Camera
- Hex wrench
- Video cable for testing (except bullet cameras)

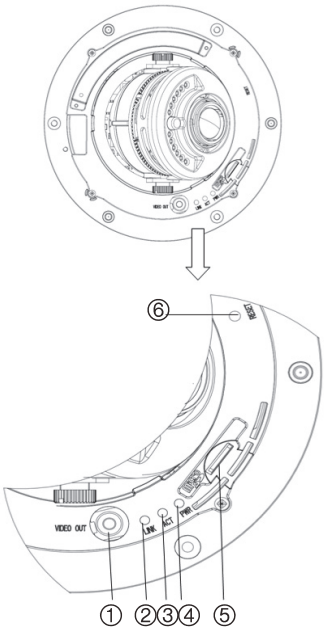
- User manual
- Quick start guide
- CD with user manual and TruVision Device Finder.

Installation environment

Refer to the user manual for detailed information.

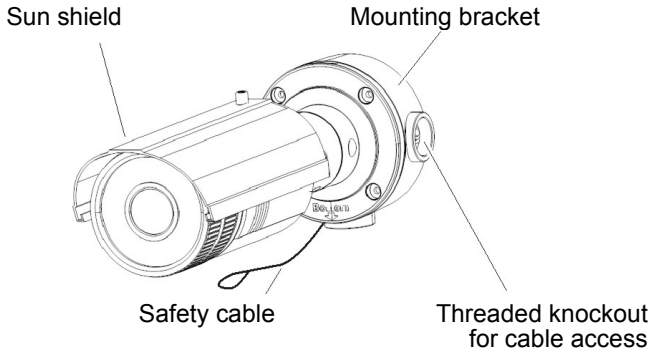
Camera descriptions

Figure 1: Outdoor IP dome cameras



1. Video output interface
2. LINK LED: The yellow LED is lit when the network is connected.
3. ACT LED: The blue LED blinks when the network is correctly functioning.
4. PWR LED: The red LED is lit when the camera is powered up.
5. Micro SD slot
6. Reset switch.

Figure 2: Outdoor IP bullet cameras



Setting up the camera

Note: If the light source where the camera is installed experiences rapid, wide variations in lighting, the camera may not operate as intended.

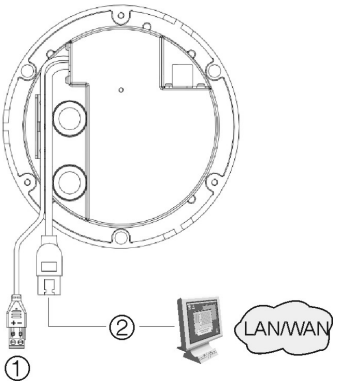
For detailed instructions, please refer to the user manual.

To quickly put the camera into operation:

1. Prepare the mounting surface.
2. Connect the required cables to the camera.
3. Mount the camera on the mounting surface using the appropriate fasteners.
4. Set up the camera's network and streaming parameters so that the camera can be controlled over the network.
5. Program the camera to suit its location.

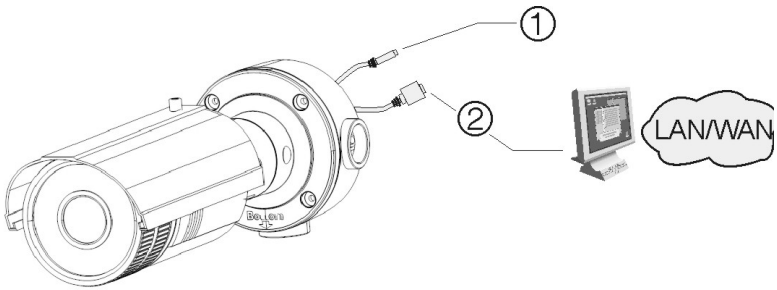
Connecting the devices

Figure 3: Outdoor IP dome camera connections



1. Power supply: Connect +24 VAC power supply.
2. Ethernet RJ45 PoE/PoE+ port: Connect to network devices.

Figure 4: Outdoor IP bullet camera connections



1. Power supply: Connect +12 VDC power supply.
2. Ethernet RJ45 PoE port: Connect to network devices.

Accessing the SDHC card

Insert an SDHC card up to 32GB for local storage in the dome cameras (see Figure 1, item 5). The card is not supplied with the camera.

Video and log files stored on the SDHC card can only be accessed via the Web browser. You cannot access the card using TruVision Navigator or a recording device.

Note: There is no SDHC card slot in the bullet cameras.

Accessing the camera over the internet

Use the camera web browser to access and configure the camera over the internet. Only one camera is accessible from a single web browser window.

To access the camera online:

1. In the Web browser enter the camera's IP address (default is 192.168.1.70). The Login dialog box appears.

   Note: Ensure that the Active X controls are enabled.

2. Enter your user name and password.

   User name: *admin*

   Password: *1234*

3. Click **OK**. The web browser window appears in live view mode. See Figure 5.

Overview of the camera Web browser

Figure 5: Camera Web browser interface

Item	Name	Description
1.	PTZ controls	For autofocus. **Note**: Only the zoom function is available for fixed IP cameras with motorized lens.
2.	Live view	Click to view live video.
3.	Playback	Click to play back video.
4.	Log	Click to search for event logs. There are four main information types: All, Alarm, Notification and Operation
5.	Configuration	Click to display the configuration screen for setting up the camera.
6.	Viewer	Click to view live or play back video.
7.	Current user	Displays current user logged on.
8.	Exit	Click to log out from the system.
9.	Full screen	Click to view as full screen.

Item	Name	Description
10.	Start/stop live view	Click to start/stop live view.
11.	Capture	Click to take a snapshot of the video. The snapshot will be saved to the default folder in jpeg format.
12.	Start/stop recording	Click to record live video.
13.	Video image settings	Click to adjust video image settings such as brightness, contrast, saturation, hue and exposure time.
14.	e-PTZ	Click to enable/disable e-PTZ. When enabled, scroll on the mouse wheel to zoom in and out of an image on-screen.

Network and streaming configuration

In the camera Web browser screen click the **Configuration** button on the toolbar to display the configuration screen. See Figure 6.

Figure 6. Configuration screen

Refer to the User Manual for detailed information on configuring the cameras. See Table 1 on page 10 for an overview of the configuration parameters.

Note: The On-screen display (OSD) menus are in English only.

Table 1: Overview of the configuration parameters

Configuration folders	Description
Local configuration	Defines the network type, display mode and local storage paths.
Basic information	Defines the camera name and RS-485 bus ID. This screen also displays the MAC address, device type, device SN and the current firmware version.
Channel parameters	Defines the OSD properties of camera information, recording parameters and schedules, motion detection parameters, image quality, alarm responses, and overlay text.
Network parameters	Defines the network parameters required to access the camera over the internet.
Deployment time	Defines the schedules during which events are registered.
User management	Defines who can use the camera, their passwords and access privileges.
HDD management	Defines how to format the SDHC card used in the camera.
Remote upgrade	Defines how to upgrade the camera's firmware.
Default	Restores default settings.
Reboot device	Reboots the camera.

Specifications

Outdoor IP dome cameras:

Electrical	
Voltage input	24 VAC ± 10% PoE (IEEE 802.3af - heater will be disabled) High PoE (802.3at)
Power consumption	Max. 12 W (w/o heater)
	Max. 24 W (heater on)
Miscellaneous	
Connectors	DC jack flying lead, RJ45 flying lead
Operating temperature	-40 to +60 °C (-40 to +140 °F)
Storage temperature	-20 to +70 °C (-4 to +158 °F)
Dimensions (D × H)	Φ 160 × 146 mm (Φ 6.29 × 5.75 in.")
Weight	2100 g (4.62 lbs)
Environmental rating	IP66
PC requirements	
Intel-based PC	1 GHz or faster
Memory	1 GB RAM
Operating system	Windows® XP, Vista or Windows 7
CGI	Direct X 9.0 or later
Browser	Microsoft Internet Explorer 6.0 or later

Outdoor IP bullet cameras:

Electrical	
Voltage input	12 VDC, PoE (IEEE 802.3af)
Power consumption	Max. 12 W
Miscellaneous	
Connectors	DC jack flying lead, RJ45 flying lead
Operating temperature	-10°C to +60°C (14 to 140°F)
Storage temperature	-20 to +70 °C (-4 to +158 °F)

Dimensions (L × W × H)	98 × 88.6 × 328.8 mm (3.86” ×3.49” × 12.94”)
Weight	1700 g (3.75 lbs)
Environmental rating	IP66
PC requirements	
Intel-based PC	1 GHz or faster
Memory	1 GB RAM
Operating system	Windows® XP, Vista or Windows 7
CGI	Direct X 9.0 or later
Browser	Microsoft Internet Explorer 6.0 or later